

Figure 1

10 30 50  
 CGACCCACGCGTCCGCCCCACGCGTCCGGAGAACCTTTGCACGCGCACAACTACGGGGAC  
 70 90 110  
 GATTTCTGATTGATTTTGGCGCTTTTCGATCCACCCTCCTCCCTTCTCATGGGACTTTGG  
 M G L W  
 130 150 170  
 GGACAAAGCGTCCCGACCGCCTCGAGCGCTCGAGCAGGGCGCTATCCAGGAGCCAGGACA  
 G O S V P T A S S A R A G R Y P G A R T  
 190 210 230  
 GCGTCGGGAACCAGACCATGGCTCCTGGACCCCAAGATCCTTAAGTTCGTCGTCTTCATC  
 A S G T R P W L L D P K I L K F V V F I  
 250 270 290  
 GTCGCGGTTCTGCTGCCGGTCCGGGTGACTCTGCCACCATCCCCGGCAGGACGAAGTT  
 V A V L L P V R V D S A T I P R Q D E V  
 310 330 350  
 CCCCAGCAGACAGTGGCCCCACAGCAACAGAGGCGCAGCCTCAAGGAGGAGGAGTGTCCA  
 P Q Q T V A P Q Q Q R R S L K E E E C P  
 370 390 410  
 GCAGGATCTCATAGATCAGAATATACTGGAGCCTGTAACCCGTGCACAGAGGGTGTGGAT  
 A G S H R S E Y T G A C N P C T E G V D  
 430 450 470  
 TACACCATTTGCTTCCAACAATTTGCCTTCTTGCCTGCTATGTACAGTTTGTAAATCAGGT  
 Y T I A S N N L P S C L L C T V C K S G  
 490 510 530  
 CAAACAAATAAAAGTTCTGTACCAGCAGCAGAGACACCGTGTGTGAGTGTGAAAAAGGA  
 Q T N K S S C T T T R D T V C Q C E K G  
 550 570 590  
 AGCTTCCAGGATAAAAACTCCCCTGAGATGTGCCGGACGTGTAGAACAGGGTGTCCCAGA  
 S F Q D K N S P E M C R T C R T G C P R  
 610 630 650  
 GGGATGGTCAAGGTCAGTAATTGTACGCCCGGAGTGACATCAAGTGCAAAAATGAATCA  
 G M V K V S N C T P R S D I K C K N E S  
 670 690 710  
 GCTGCCAGTTCCACTGGGAAAACCCAGCAGCGGAGGAGACAGTGACCACCATCCTGGGG  
 A A S S T G K T P A A E E T V T T I L G  
 730 750 770  
 ATGCTTGCCTCTCCCTATCACTACCTTATCATCATAGTGGTTTTAGTCATCATTTTAGCT  
 M L A S P Y H Y L I I I V V L V I I L A  
 790 810 830  
 GTGGTTGTGGTGGCTTTTCATGTCGGAAGAAATTCATTTCTTACCTCAAAGGCATCTGC  
 V V V V G E S C R K K F I S Y L K G I C  
 850 870 890  
 TCAGGTGGTGGAGGAGGTCCCGAACGTGTGCACAGAGTCCTTTCCGGCGGCGTTTCATGT  
 S G G G G G P E R V H R V L F R R R S C  
 910 930 950  
 CCTTCACGAGTTCTTGGGGCGGAGGACAATGCCCGCAACGAGACCCTGAGTAACAGATAC  
 P S R V P G A E D N A R N E T L S N R Y

Figure 1 (continued)

970 990 1010  
 TTGCAGCCCACCCAGGTCTCTGAGCAGGAAATCCAAGGTCAGGAGCTGGCAGAGCTAACA  
 L Q P T Q V S E Q E I Q G Q E L A E L T  
 1030 1050 1070  
 GGTGTGACTGTAGAGTCGCCAGAGGAGCCACAGCGTCTGCTGGAACAGGCAGAAGCTGAA  
 G V T V E S P E E P Q R L L E Q A E A E  
 1090 1110 1130  
 GGGTGTGAGGAGGAGGCTGCTGGTTCCAGTGAATGACGCTGACTCCGCTGACATCAGC  
 G C Q R R R L L V P V N D A D S A D I S  
 1150 1170 1190  
 ACCTTGCTGGATGCCTCGGCAACACTGGAAGAAGGACATGCAAAGGAAACAATTCAGGAC  
 T L L D A S A T L E E G H A K E T I Q D  
 1210 1230 1250  
 CAACTGGTGGGCTCCGAAAAGCTCTTTTATGAAGAAGATGAGGCAGGCTCTGCTACGTCC  
 Q L V G S E K L F Y E E D E A G S A T S  
 1270 1290 1310  
 TGCCTGTGAAAGAATCTCTTCAGGAAACCAGAGCTTCCCTCATTTACCTTTTCTCCTACA  
 C L \*  
 1330 1350 1370  
 AAGGGAAGCAGCCTGGAAGAAACAGTCCAGTACTTGACCCATGCCCAACAACTCTACT  
 1390 1410 1430  
 ATCCAATATGGGCGAGCTTACCAATGGTCCTAGAACTTTGTAAACGCACTTGAGTAATT  
 1450 1470 1490  
 TTTATGAAATACTGCGTGTGATAAGCAAACGGGAGAAATTTATATCAGATTCTTGGCTGC  
 1510 1530 1550  
 ATAGTTATACGATTGTGTATTAAGGGTCGTTTTAGGCCACATGCGGTGGCTCATGCCTGT  
 1570 1590 1610  
 AATCCCAGCACTTTGATAGGCTGAGGCAGGTGGATTGCTTTGAGCTCGGGAGTTTGAGAC  
 1630 1650 1670  
 CAGCCTCATCAACACAGTGAAACTCCATCTCAATTTAAAAAGAAAAAAGTGGTTTTAG  
 1690 1710 1730  
 GATGTCATTCTTTGCAGTTCTTCATCATGAGACAAGTCTTTTTTCTGCTTCTTATATTG  
 1750 1770 1790  
 CAAGCTCCATCTCTACTGGTGTGTCATTTAATGACATCTAACTACAGATGCCGCACAGC  
 1810 1830 1850  
 CACAATGCTTTGCCTTATAGTTTTTTAACTTTAGAACGGGATTATCTTGTTATTACCTGT  
 1870 1890 1910  
 ATTTTCAGTTTCGGATATTTTTGACTTAATGATGAGATTATCAAGACGTAGCCCTATGCT  
 1930 1950 1970  
 AAGTCATGAGCATATGGACTTACGAGGGTTCGACTTAGAGTTTTGAGCTTTAAGATAGGA  
 1990 2010 2030  
 TTATTGGGGCTTACCCACCTTAATTAGAGAAACATTTATATTGCTTACTACTGTAGGC  
 2050 2070 2090  
 TGTACATCTCTTTTCCGATTTTTGTATAATGATGTAAACATGGAAAACTTTAGGAAATG  
 2110 2130 2150  
 CACTTATTAGGCTGTTTACATGGGTGCTGGATACAAATCAGCAGTCAAAAATGACTAA  
 2170 2190 2210  
 AAATATAACTAGTGACGGAGGGAGAAATCCTCCCTCTGTGGGAGGCACTTACTGCATTCC

Figure 1 (continued)

2230	2250	2270
AGTTCTCCCTCCTGCGCCCTGAGACTGGACCAGGGTTTGATGGCTGGCAGCTTCTCAAGG		
2290	2310	2330
GGCAGCTTGCTTACTTGTTAATTTTAGAGGTATATAGCCATATTTATTTATAAAATAAT		
2350	2370	2390
ATTTATTTATTTATTTATAAGTAGATGTTTACATATGCCCAGGATTTTGAAGAGCCTGGT		
2410	2430	2450
ATCTTTGGGAAGCCATGTGTCTGGTTTGTCTGCTGGGACAGTCATGGGACTGCATCTTC		
2470	2490	2510
CGACTTGTCCACAGCAGATGAGGACAGTGAGAATTAAGTTAGATCCGAGACTGCGAAGAG		
2530	2550	2570
CTTCTCTTTCAAGCGCCATTACAGTTGAACGTTAGTGAATCTTGAGCCTCATTTGGGCTC		
2590	2610	2630
AGGGCAGAGCAGGTGTTTATCTGCCCCGGCATCTGCCATGGCATCAAGAGGGAAGAGTGG		
2650	2670	2690
ACGGTGCTTGGAATGGTGTGAAATGGTTGCCGACTCAGGCATGGATGGGCCCCCTCTCGC		
2710	2730	2750
TTCTGGTGGTCTGTGAACTGAGTCCCTGGGATGCCTTTTAGGGCAGAGATTCTTGAGCTG		
2770	2790	2810
CGTTTTAGGGTACAGATTCCTGTGAGGAGCTTGGCCCCCTCTGTAAGCATCTGACTCA		
2830	2850	2870
TCTCAGAGATATCAATTCTTAAACACTGTGACAACGGGATCTAAAATGGCTGACACATTT		
2890	2910	2930
GTCCTTGTCACGTTCCATTATTTTATTTAAAAACCTCAGTAATCGTTTTAGCTTCTTT		
2950	2970	2990
CCAGCAAACCTCTCTCCACAGTAGCCAGTCGTGGTAGGATAAATTACGGATATAGTCAT		
3010	3030	3050
TCTAGGGGTTTCAGTCTTTTCCATCTCAAGGCATTGTGTGTTTGTTCGGGACTGGTTT		
3070	3090	3110
GGCTGGGACAAAAGTTAGAACTGCCTGAAGTTCGCACATTCAGATTGTTGTGTCCATGGAG		
3130	3150	3170
TTTTAGGAGGGGATGGCCTTTCCGGTCTTCGCACTTCCATCCTCTCCCCACTTCCCATCT		
3190	3210	3230
GGCGTCCCACACCTTGTCCCCCTGCACCTTCTGGATGACCAGGGTGCTGCTGCCTCCTAGT		
3250	3270	3290
CTTTGCCCTTTGCTGGGCCCTTCTGTGCAGGAGACTTGGTCTCAAAGCTCAGAGAGAGCCAG		
3310	3330	3350
TCCGGTCCCAGCTCCTTTGTCCCTTCCCTCAGAGGCCCTTCCTTGAAGATGCATCTAGACTA		
3370	3390	3410
CCAGCCTTATCAGTGTTAAGCTTATTCCTTTAACATAAGCTTCCTGACAACATGAAATT		
3430	3450	3470
GTTGGGGTTTTTTGGCGTTTGTGATTGTTTAGGTTTTGCTTTATACCCGGGCCAAATA		
3490	3510	3530
GCACATAACACCTGGTTATATATGAAATACTCATATGTTTATGACCAAAATAAATATGAA		
3550		
ACCTCAAAAAAAAAAAAAAAAAAAAAA		

Figure 2

[illegible]

Decoration 'Decoration 11': Shade (with solid black) residues that match the Consensus exactly.

Figure 3

